

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	
David Peter VAN HEERDEN et al.	) Group Art Unit: 3725
Application No.: 10/814,243	Examiner: PARADISO, JOHN ROGER
Filed: April 1, 2004	) )
For: HERMETICALLY SEALED PRODUCT AND RELATED METHODS OF MANUFACTURE	Confirmation No. 6944

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1,97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the document listed on the attached Form PTO/SB/08. This Supplemental Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

Copies of the listed foreign patent documents and non-patent literature documents are attached.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached Form PTO/SB/08.

Application No. 10/814,243 Attorney Docket No. 9118.0002

Supplemental Information Disclosure Statement - July 11, 2005

With regard to Japanese Patent Application Publication No. S57-102029 A,

Applicants provide herewith an English language abstract.

With regard to EP 0 907 064 A2, Applicants provide herewith an English

language abstract.

With regard to Japanese Patent Application Publication No. 2000-323593,

Applicants provide herewith an English language abstract.

This submission does not represent that a search has been made or that no

better art exists and does not constitute an admission that each or all of the listed

documents are material or constitute "prior art." If the Examiner applies any of the

documents as prior art against any claim in the application and Applicants determine

that the cited documents do not constitute "prior art" under United States law,

Applicants reserve the right to present to the office the relevant facts and law regarding

the appropriate status of such document.

Applicants further reserve the right to take appropriate action to establish the

patentability of the disclosed invention over the listed document, should one or more of

the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please

charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,

GARRETT & DUNNER, L.L.P.

Dated: July 11, 2005

By: Michael W. Kim

Reg. No. 51,880

IDS Form PTO/SB/08: Substitute for form 1449A/PTO

Sheet

## **INFORMATION DISCLOSURE** STATEMENT BY APPLICANT

(Use as many sneets as necessary)			
	1	of	2

Complete if Known		
Application Number	10/814,243	
Filing Date	April 1, 2004	
First Named Inventor	David Peter VAN HEERDEN	
Art Unit	3725	
Examiner Name	PARADISO, JOHN ROGER	
Attorney Docket Number	9118.0002	

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Onlyans E	Cite	Document Number  Number-Kind Code <sup>2</sup> (if known)	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	-69	US-2003/164289 A1	09-04-2003	Weihs et al.	
JUL 11	2005	S-2003/077474 A1	04-24-2003	Rabinkin et al.	
		US-2002/179921 A1	12-05-2002	Cohn, Michael	
& TRADE	MEE	US-2001/046957 A1	11-29-2001	Weihs et al.	
V.RADI		US-2001/038029 A1	11-08-2001	Weihs et al.	
		US-6,413,800 B1	07-02-2002	Kyle, Robert	
.,		US-5,965,576 A	09-21-1999	Pompeo et al.	
		US-5,477,009 A	12-19-1995	Brendecke et al.	-
-		US-5,175,410 A	12-29-1992	Freedman et al.	
		US-5,038,996 A	08-13-1991	Wilcox et al.	
		US-4,715,526 A	12-29-1987	MacNeil et al.	
		US-4,607,779 A	08-26-1986	Burns et al.	
		US-3,158,927 A	12-01-1964	Saunders	
				``	

Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

	FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>6</sup>
		JP 2000/323593	11-24-2000	Yazaki Corp.		Abstract
		EP 0 907 064 A2	04-07-1999	Dinulescu, Horia A.	-	Abstract
		JP S57-102029 A	09-28-1982	HITACHI LTD.		Abstract

	NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>
		International Search Report and Written Opinion mailed February 11, 2005 in a corresponding application.	
		"Technique for Obtaining an Environmentally Secure Adhesive Seal"; IBM Technical Disclosure Bulletin; December 1, 1986; pages 3085-3087; Vol. 29, No. 7; XP002025799; ISSN: 0018-8689; IBM Corp.; New York, US.	
		S. JAYARAMAN, O.M. KNIO, A.B. MANN, and T.P. WEIHS; "Numerical Predictions of Oscillatory Combustion in Reactive Multilayers"; Journal of Applied Physics; July 15, 1999; pp. 800-809; Vol. 86, No. 2.	
		D. JOSELL, A. CEZAIRLIYAN, D. VAN HEERDEN, and B.T. MURRAY; "Thermal Diffusion Through Multilayer Coatings: Theory and Experiment"; NanoStructured Materials; 1997; pp. 727-736; Vol. 9, Nos. 1-8.	

IDS Form PTO/SB/08: Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	2	of	

C	omplete if Known	
Application Number	10/814,243	
Filing Date	April 1, 2004	
First Named Inventor	David Peter VAN HEERDEN	
Art Unit	3725	
Examiner Name	PARADISO, JOHN ROGER	
Attorney Docket Number	9118.0002	

NON PATENT LITERATURE DOCUMENTS	
S. JAYARAMAN, A.B. MANN, O.M. KNIO, D. VAN HEERDEN, G. BAO, and T.P. WEIHS; "Modeling Self- Propagating Exothermic Reactions In Multilayer Systems"; Materials Research Society Symposium Proceedings; 1998; pp. 563-568; Vol. 481.	
K.J. BLOBAUM, D. VAN HEERDEN, A.J. GAVENS, and T.P. WEIHS; "Al/Ni Formation Reactions: Characterization of the Metastable Al <sub>9</sub> Ni₂ Phase and Analysis of Its Formation"; Acta Materialia; 2003; pp. 3871-3884; Vol. 51, No. 13.	
A.J. SWISTON JR., T.C. HUFNAGEL, and T.P. WEIHS; "Joining Bulk Metallic Glass Using Reactive Multilayer Foils"; Scripta Materialia; 2003; pp. 1575-1580; Vol. 48.	_
U. ANSELMI-TAMBURINI and Z.A. Munir; "The Propagation of a Solid-State Combustion Wave in Ni-Al Foils"; Journal of Applied Physics; November 15, 1989; pp. 5039-5045; Vol. 66, No. 10.	
A.J. GAVENS, D. VAN HEERDEN, A.B. MANN, M.E. REISS, and T.P. WEIHS; "Effect of Intermixing on Self-Propagating Exothermic Reactions in Al/Ni Nanolaminate Foils"; Journal of Applied Physics; February 1, 2000; pp. 1255-1263; Vol. 87, No. 3.	

Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.